

# **Spencerville High School**

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**2026 - 2027**

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## **Curriculum Guide**

Spencerville Local Schools





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## **PREFACE**

The curriculum for Spencerville High School helps to provide each student with the opportunity to receive the best possible education.

Making good decisions about a class schedule is vital to a student's future. This curriculum guide is a resource to help make those decisions.

The curriculum guide is only one part of the decision-making process. Teachers, parents, and the guidance counselor play an important role in the process.

The challenge is to become involved in more than the minimum requirements and be exposed to ideas and knowledge that open new horizons and enrich life.

As a student, use all of the sources of information available to you to make good decisions. Remember that you only go through high school once, so make the most of the opportunities available to you.

## **GRADUATION REQUIREMENTS/ASSESSMENTS**

Students will show competency and earn seals toward graduation when taking six required end of course exams (EOC). The courses in which students will take an end of course exam are English II, Algebra I, Geometry, Biology, American History, and American Government.

Students can earn from 1 - 5 points for each exam, based on their performance.

- 5 - Advanced
- 4 - Accomplished
- 3 - Proficient
- 2 - Basic
- 1 - Limited

For students to graduate from Spencerville High School, they must first cover the basics by earning 21.5 credits.

Second, a student must then show competency by earning a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

If testing is not the student's strength, then he or she will have to show competency by meeting one of three options. In the first option, a student must demonstrate two career-focused activities by meeting one of three foundational options.

1. Getting a proficient score on WebXams.
2. Earning a 12-point industry credential.
3. Get accepted into an approved apprenticeship program.
4. Earn a state issued license for a practice in a vocation.

After meeting this first goal, a student must then also meet one of three supporting options.

1. Do work-based learning.
2. Earn the required score on WorkKeys.
3. Earn the Ohio Means Jobs Readiness Seal.

If a student cannot obtain option 1 which is to pass the Algebra 1 and the ELA II EOC test, then they may choose option 2, which is to show career readiness and is explained above or chose option 3, which is to earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus (CCP) program or choose option 4 which is to enlist in the military or choose option 5 which is to obtain a remediation-free score in the math and/or English subject area on the ACT.

The third step to graduation is showing readiness. A student must earn two of the following diploma seals, choosing those that line up with their goals and interests. These seals give the student the chance to demonstrate academic, technical and professional skills and knowledge that align with their passions, interests, and planned next steps after high school. At least one of the two must be Ohio-designed.

Ohio Means Jobs Readiness Seal (Ohio)  
Industry-Recognized Credential Seal (Ohio)  
College-Ready Seal (Ohio)  
Military Enlistment Seal (Ohio)  
Citizenship Seal (Ohio)  
Science Seal (Ohio)  
Honors Diploma Seal (Ohio)  
Seal of Biliteracy (Ohio)  
Technology Seal (Ohio)  
Community Service Seal (Ohio)  
Community Service Seal (Local)  
Fine and Performing Arts Seal (Local)  
Student Engagement Seal (Local)

## **Honors Diploma Requirements for the Class of 2026 and Beyond**

Students must meet all but one of the following criteria.

### **ACADEMIC HONORS DIPLOMA**

<b>Requirements</b>	<b>State Minimum</b>
<b>1 Math</b>	Fourth math must be > Algebra 2
<b>2 Science</b>	One additional unit Advanced Science
<b>3 Social Studies</b>	One additional unit Social Studies
<b>4 World Languages</b>	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
<b>5 GPA</b>	3.5 on a 4.0 scale
<b>6 ACT/SAT</b>	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
<b>7 Seal Requirement</b>	Earn two additional diploma seals, not including Honor Diploma Seal
<b>8 Experiential Learning</b>	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

\*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning.

## **APOLLO CAREER CENTER**

A full curriculum of career fields is available to the students of Spencerville High School who attend Apollo Career Center.

Before entering Apollo, a student must be 16 years old, must have earned a minimum of eight (8) credits, and must be on line for graduation at the end of two years at Apollo. Please keep in mind the home school (Spencerville High School) requirements for graduation. Students will be given the opportunity to enroll in any course they qualify for at Apollo. If a program is over-subscribed, a selection process that has been developed by Apollo will be used to determine who will be accepted in the over-subscribed program. Students are selected by the total number of core credits and then by the total number of credits in case of a tie. Then GPA alone ranks all students, starting with the highest to the lowest GPA, students are placed into the program until the maximum number has been reached. After Initial Enrollment Day, students will be seated according to a first-come, first-served basis--GPA is not a factor at that point. The final decision on who will be accepted in an over-subscribed program will rest with the Apollo Career Center.

Sophomores will be given an opportunity to visit Apollo for a Hands-On Day each November, with applications to Apollo due in early February.

A list of programs offered at Apollo is given below. Most programs are two years in length. Descriptions of these programs and the qualifications to enter may be obtained at [www.apollocareercenter.com](http://www.apollocareercenter.com).

*Business and IT:* Computer Information Support  
Multimedia Technology

*Industrial Engineering:*

Building and Renovations  
Advanced Manufacturing  
Welding  
Automotive Collision Technology  
HVAC

Automation & Robotics  
Carpentry  
Construction Equipment Technology  
Electrical Systems Technology  
Automotive Technology

*Health:* Health Science  
Sports Exercise Science

*Human Resources/Services:*

Spa & Esthetics Technology-*Seniors Only*  
Cosmetology  
Criminal Justice

Culinary Arts  
Early Childhood Education

*Public Safety:*

Fire/EMS Technology

*Credit Recovery:*

Career Exploration-*Sophomores Only*

## **CLASS ASSIGNMENT**

Class Level Assignment is normally determined by the number of years the student has been in high school with the student being listed as a sophomore, junior, or senior regardless of the number of credits earned. However, each student must earn a minimum of 21.5 credits in classes that count toward graduation in order to actually graduate.

Every high school student must carry a minimum of six to seven (6-7) classes per day. Band, choir, and physical education may be included in this minimum requirement. No student may have more than one or two study halls per semester.

## **ELIGIBILITY FOR ATHLETES**

To be eligible, during the preceding grading period, the student must have received passing grades in the equivalent of a minimum of five (5) one-credit courses that count toward graduation. For eligibility purposes, all classes count as 1 credit during a given grading period with the exception of physical education = .25. A student must also have maintained a 1.00 GPA according to Spencerville Board of Education Policy.

## **IN CASE OF FAILURE: HOW TO MAKE UP THE CREDIT**

If a student has failed a course for the school year, he/she will have the option of completing it during the summer at a cost of \$50. Attending summer school in the school lab will be required unless other arrangements have been made with the administration. Provided the course is complete by the end of June, the fee will be waived. Summer school will run Monday – Thursday, 10:30am – 12:30pm, starting in June.

**No more than four units of credit for graduation can be earned outside the regular school curriculum with the exception of students participating in the College Credit Plus program.**

## **COLLEGE CREDIT PLUS**

Students wishing to take college-level classes must meet the guidelines of the program, which vary by university. An informational meeting will be held before February 1st each year for parents and students in grades 7–12. Please keep in mind when making this decision, students who take a CCP course at a college/university or at Spencerville Schools will be responsible for the cost of the course and books should he/she fail the course. Further information is available in the guidance office.

## **SCHEDULE CHANGES**

Schedule changes will be considered on the following basis:

1. The minimum number of credits is being met.
2. There is a very good reason to drop the course.
3. Room is available in a study hall if a student is not adding another class.
4. The student needs to meet requirements to attend a vocational school.
5. The class being dropped is not a required course.

In general, schedule changes must be initiated within one week for a course; otherwise, a student will have to take a withdrawal F (W/F) in the course. (W/F on a transcript might be difficult to explain and could have an effect later.)

## COURSE OFFERINGS for 2026 - 2027

- Courses designated as electives will be offered according to student interest and teacher availability.
- Course fees are set prior to the beginning of the school year once actual costs are known. Approximate figures, however, can be found at the end of this guide.

## CAREER and TECHNICAL EDUCATION

Please Note:

Students may receive .5 credit toward a science credit upon completion of the following one-year classes:

- Agriculture, Food Sciences & Natural Resources (AFNR)
- Livestock Selection, Nutrition, Evaluation & Management
- Food Science
- Natural Resources
- Veterinary Science
- Biotechnology

Students will need to successfully complete two of the above classes, in order to successfully earn their **one advanced science** credit required for graduation.

Course #: 010105		AGFNR		Course Name:	Agriculture, Food Sciences & Natural Resources (AFNR)							
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	09	10	11	12
	x			<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Can be used for ½ credit of the advance science requirement; Must also take Livestock Selection, Nutrition, Evaluation & Management, Food Science, Veterinary Science, Natural Resources, or Biotechnology to receive science credit <b>\$20.00 Class Fee</b>										
<b>Description:</b>		Looking for a class that is more hands-on? Look no further! Explore the vastness of agriculture. Agriculture is more than just farming; it is also leaders, speakers and beakers! This class covers a range of topics including food science, natural resource management, animal sciences, plant sciences, power technology, bioscience, welding, woodworking, engines, and tool use. Along the way, students will also grow their leadership, problem solving, and career skills. This course serves as a building block for later advanced ag courses.										

<b>Course #: 010120</b>		<b>AGMECH</b>		<b>Course Name:</b>		<b>Shop and Mechanical Skills</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		<b>\$30.00 Class Fee</b>										
<b>Description:</b>		If you've ever thought about welding, woodworking, plumbing, working with engines, wiring to be able to create your own lamp, or wondered how different machines work, this is the class for you. Students will continue to build on their skills through learning about electricity, hydraulics, diagnosing and troubleshooting small engines, tool use, and metalworking. Personal safety, communication, and leadership skills will also be explored.										

<b>Course #: 010125</b>		<b>AGAPS</b>		<b>Course Name:</b>		<b>Animal and Plant Science</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				X	X	X
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Can be used for ½ credit of the advance science requirements; Must also take Agriculture, Food Sciences, & Natural Resources (AFNR), Livestock Selection, Nutrition, Evaluation, & Management, Veterinary Science, Animal and Plant Science, Food Science, or Biotechnology to receive science credit. <b>\$20.00 Class Fee</b>										
<b>Description:</b>		Students will apply knowledge of animal and plant science to the agricultural industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies, and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.										

<b>Course #: 011010</b>		<b>AGFOOD</b>		<b>Course Name:</b>		<b>Food Science</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				X	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		Agriculture, Food Sciences & Natural Resources (AFNR)										
<b>Special Information:</b>		Potential to earn college credit with the following university - see instructors for details: Wright State Lake for FAS2100 Ohio State University for FST2400 Can be used for ½ credit of the advance science requirement; Must also take Agriculture, Food Sciences, & Natural Resources (AFNR), Livestock Selection, Nutrition, Evaluation & Management, Veterinary Science, Natural Resources, or Biotechnology to receive science credit; <b>\$20.00 Class Fee</b>										
<b>Description:</b>		In this course, students will become familiar with food and the process that it undergoes on its journey from fields to our plates. Food will be explored for its nutritional content and how it can be turned into many different dishes and products based on its unique properties. <b>Of course, tasting will occur along the way.</b> Students will demonstrate through hands-on learning how to properly prepare foods with food safety, sanitation, and quality assurance protocols. Students will also have the opportunity to create and try their own food products, market their product, and explore different processing and packaging techniques.										

<b>Course #: 010920</b>		<b>AGLIVE</b>		<b>Course Name:</b>	<b>Livestock Selection, Nutrition, Evaluation &amp; Management – Offered in 2026-2027 will be on rotation with Veterinary Science.</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>				None								
<b>Special Information:</b>				Can be used for ½ advance science credit; Must also take Agriculture, Food Sciences, & Natural Resources (AFNR), Food Science, Veterinary Science, Natural Resources, or Biotechnology to receive science credit; <b>\$20.00 Class Fee</b>								
<b>Description:</b>				Designed for the animal enthusiast, this course prepares students to better understand careers in the livestock industry and be ready for their own livestock related endeavors. Students will learn about the many different livestock and their care. Topics will include selection of animals and breeds, how to feed animals efficiently, how animals utilize nutrition, animal welfare, role of genetics, meat science, exploring animal products, and a brief overview of diseases/prevention methods. Students will practice animal management practices through hands-on learning, better understand livestock anatomy through dissections, and leave the course with the knowledge to care for their own livestock.								

<b>Course #: 010915</b>		<b>AGVET</b>		<b>Course Name:</b>	<b>Veterinary Science – Not offered in 2026-2027 will be on rotation with Livestock Selection, Nutrition, Evaluation, &amp; Management</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>				HIGHLY recommended that students take Livestock Selection, Nutrition, Evaluation & Management prior to this course								
<b>Special Information:</b>				Can be used for ½ credit of the advance science requirement; Must also take Agriculture, Food Sciences, & Natural Resources (AFNR), Livestock Selection, Nutrition, Evaluation & Management, Food Science, Natural Resources, or Biotechnology to receive science credit; <b>\$20.00 Class Fee</b>								
<b>Description:</b>				Do you have a passion for animals that is leading you to a career in veterinary medicine? Or are you someone who wants to better understand diseases and treatment for raising animals? In this course, students will examine common diseases to understand the causes, symptoms, treatments, and prevention steps needed. Students will also perform animal health assessments, learn proper restraining and handling, develop organizational skills to manage information systems and utilize tools and technology commonly used. When leaving the course, students will have a firm understanding of latest research being done within the veterinary industry and an overview of knowledge and skills needed to succeed in veterinary medicine.								

<b>Course #: 012010</b>		<b>AGBIO</b>		<b>Course Name:</b>	<b>Biotechnology</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				It is recommended students have passed Agriculture, Food Sciences & Natural Resources (AFNR) or have passed Biology prior to taking this course.								
<b>Special Information:</b>				Potential to earn college credit with the following university - see instructors for details: Miami University for BIO101 Ohio University for PBIO2050 University of Cincinnati for BIOL4091C Can be used for ½ credit of the advanced science requirement; Must also take Agriculture, Food Sciences, & Natural Resources (AFNR), Livestock Selection, Nutrition, Evaluation & Management, Food Science, Natural Resources, or Veterinary Science to receive science credit; <b>\$20.00 Class Fee</b>								
<b>Description:</b>				Biotechnology: the starting point for product development, determining who committed a crime through investigation, animal and plant research, and those determined to enter the medical field or research industry. In this class, students learn about topics that can be transferred to many other career fields that utilize science. Topics include genetics (determining how a subject looks or what genes they inherit), cellular development, and biochemistry. Through hands-on experiments, students will utilize cutting edge equipment to study DNA, PCR's, and nucleic acid blotting- all techniques used in the medical field, forensic labs, and research.								

<b>Course #: 010115</b>		<b>AGBUS</b>		<b>Course Name:</b>	<b>Business Management</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				None								
<b>Special Information:</b>				Suggested students take their senior year; Course can earn CTAG college credit								
<b>Description:</b>				Imagine one day you decide to pursue your own business. Would you have the skills to support your goal? In Business Management, students examine what skills are needed to create, run, and maintain a successful business. Samples of topics include structuring a business, business plans, financial reports, developing strategic goals, how to market in a changing world, utilizing latest technology and trends, and product development/promotion. Students also further their own professionalism and further their financial understanding of taxes, loans, credit, ethical concepts, and business regulations.								

<b>Course #: 010190</b>		<b>AGCAP</b>		<b>Course Name:</b>	<b>AG Capstone and Work Placement</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>						x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Must take Business Management concurrently								
<b>Special Information:</b>				Work placement must be based and approved by instructor prior to beginning of school year; Must have contract on file with instructor prior to leaving school for work; Student may earn 1 – 3 credits (varies based on student employment). Student should discuss this course with guidance counselor and instructor prior to selection.								
<b>Description:</b>				Through this capstone course, students who have demonstrated knowledge of the chosen industry and developed needed employability skills can earn work experience. Through their work placement, students will further their understanding of skills needed for a successful career in the chosen field. Students will be required to journal work hours and submit paystubs/work records throughout the course of the year.								

<b>Course #: 100300</b>		<b>TDRAW1</b>		<b>Course Name:</b>		<b>Technical Drawing I</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			None									
<b>Special Information:</b>			<b>\$10.00 Class Fee</b>									
<b>Description:</b>			Technical Drawing I is a pre-engineering, pre-architecture, and pre-design oriented class. This class focuses on the instruction of the following: measuring, sketching, lettering, single view drawings, orthographic projection, and design process. This course is recommended for students selecting a career or interested in any field of engineering, architecture, interior design, industrial design, graphic design, construction manufacturing, computer technology or any trade using working drawings.									

<b>Course #: 100300</b>		<b>CAD1</b>		<b>Course Name:</b>		<b>Computer-Aided Drafting [CAD]</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			Must earn a passing grade in Technical Drawing I prior to taking this course.									
<b>Special Information:</b>			Limited to 10 students; <b>\$20.00 Class Fee</b>									
<b>Description:</b>			This course examines the expanding world of computers as a tool in engineering and architectural design and drafting. Existing drafting fundamentals will be applied to the practical application of computers using computer assisted drafting software.									

<b>Course #: 011020</b>		<b>AGMEAT</b>		<b>Course Name:</b>		<b>Meat Science</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	X	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			None									
<b>Special Information:</b>			Can be used for 1/2 credit of the advance science requirement; Must also take Livestock Selection, Nutrition, Evaluation & Management, Food Science, Veterinary Science, Natural Resources, or Biotechnology to receive science credit <b>\$20.00 Class Fee</b>									
<b>Description:</b>			Students will apply food chemistry and microbiology to processing, preservation, packaging, storage and marketing of meat products. Students will design and implement a quality assurance program that meets legal compliance and demonstrates knowledge of safe operation and maintenance of equipment and facilities. Students will evaluate carcass composition, assign quality grades, and examine valued-added products. Throughout the course, students will demonstrate customer service and sales techniques while understanding the scope and importance of business and safety regulations.									

<b>Course #: 010610</b>		<b>AGGREE</b>		<b>Course Name:</b>	<b>Greenhouse Management</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>GRADE</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		<b>\$20.00 Class Fee</b>										
<b>Description:</b>		Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized.										

<b>Course #: 010720</b>		<b>AGENV</b>		<b>Course Name:</b>	<b>Agricultural Environmental Sciences</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>GRADE</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Can be used for ½ credit of the advance science requirement; Highly recommended for sophomore year, directly following AFNR completion; Must also take Livestock Selection, Nutrition, Evaluation & Management, Food Science, Veterinary Science, Natural Resources, or Biotechnology to receive science credit <b>\$20.00 Class Fee</b>										
<b>Description:</b>		Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.										

<b>Course #: 177024</b>		<b>MISSION</b>		<b>Course Name:</b>	<b>Mission: Drone Control (Unmanned Aircraft Systems)</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>GRADE</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		Agriculture, Food Sciences & Natural Resources (AFNR)										
<b>Special Information:</b>		<p>Students who are 16 years old by April of the school year can choose to take the FAA Part 107 Remote Pilot Exam at the end of this course. This license is required for anyone who wants to fly drones for commercial or non-recreational purposes in the United States.</p> <p>To earn the license, students must:</p> <ul style="list-style-type: none"> <li>• Be at least 16 years old</li> <li>• Pass the aeronautical knowledge test</li> <li>• Apply for the official certificate through the FAA</li> </ul> <p>The Part 107 is good for two years, and renewing it is easy – students just complete a free online refresher training.</p> <p>Students who choose to take the exam will be responsible for paying the testing fee at the Bowling Green Flight Center.</p>										
<b>Description:</b>		Students will learn and simulate fundamentals of air traffic control. Subjects taught include principles of aircraft tracking using radar and transponders, controlling aircraft departures, takeoffs, ground operation and in air flight control. Students will learn and simulate techniques of sequencing aircraft approaches and departures using approach control radar. Students will study concepts of meteorology, the flight environment, identification of emergency codes, fundamental aspects of flight and air navigation.										

<b>Course #: 012030</b>		<b>FSIANR</b>		<b>Course Name:</b>	<b>Foundations of Sustainable and Innovative Agriculture and Natural Resources</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>GRADE</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		Agriculture, Food Sciences & Natural Resources (AFNR)										
<b>Special Information:</b>												
<b>Description:</b>		This course will focus on the purpose, resources, indoor and outdoor growing operations, production strategies, business development, and financing as it applies to innovative agricultural production in urban, suburban, and rural communities.										

# ART/PHOTOGRAPHY/YEARBOOK

Course #: 020250		ART1		Course Name:	Art I/General Art							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		<b>\$30.00 Class Fee</b>										
Description:		General Art is an introductory art course for all students grades 9-12. It deals with improving both a student's technical skills and his/her appreciation of art. An emphasis is placed upon drawing; however, many different medias are used and experimented with throughout the year. Originality and creative thinking are stressed in regards to an individual's work. The evolution of art and man is discussed in an effort to familiarize the student with the art of societies both past and present. Students are tested over art terms and art history.										

Course #: 020250		ART2		Course Name:	Art II/Drawing and Painting							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
						Nine Weeks:						
Prerequisite[s]:		Art I										
Special Information:		<b>\$30.00 Class Fee</b>										
Description:		Art II (Drawing and Painting) offers the student a chance to continue with the principles learned in Art I, however in a more advanced setting. It is therefore <u>required</u> that Art I be taken before attempting this course. In this course, the emphasis is placed upon the students' 2-dimensional representation through the use of composition, design, and color theories in the development of their work. Advanced drawing techniques and various types of drawing media (pen and ink, charcoal, and pastels) are covered, as is painting (oils, acrylics, and water-color).										

Course #: 029999		ART3		Course Name:	Art III/Advanced Art							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x				x	x
						Nine Weeks:						
Prerequisite[s]:		Art I & Art II required										
Special Information:		It is <u>strongly suggested</u> that these courses <u>not</u> be taken out of sequence; <b>\$30.00 Class Fee</b>										
Description:		This course allows interested students to continue to improve upon the skills and principles learned in Art I and Art II. A wide range of media will be expanded on covering both 2- and 3-dimensional representation. Students will be expected to develop ideas on an individual basis and to begin to cultivate their own style. Many projects will require self motivation and creativity.										

<b>Course #: 020242</b>		<b>ART4</b>		<b>Course Name:</b>	<b>Art IV/Ceramics</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Art I required; Art II recommended								
<b>Special Information:</b>				<b>\$30.00 Class Fee</b>								
<b>Description:</b>				This course is a continuation of the principles learned in Art I & II; however, the emphasis is upon 3-dimensional representation. In the context of Ceramics, the following areas are covered: A. Preparing clay (wedging) B. <u>Basic Hand building</u> - development of skills in working with the slab, coil, pinch, mold, and carve block methods of hand building C. <u>Clay Sculpture</u> - including both additive and subtractive D. Throwing - introductory work on the potter's wheel								

<b>Course #: 020100</b>		<b>ART5</b>		<b>Course Name:</b>	<b>Art V/Independent Study</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>						x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Art I, II & III required								
<b>Special Information:</b>				Due to the advanced nature and reliance on independent responsibility and personal motivation, this course is intended for those seniors with a serious interest in the field of art. Students wishing to take Art V must have written permission of instructor with scheduling request; <b>\$30.00 Class Fee</b>								
<b>Description:</b>				Art V is intended for those students who wish to expand, privately, on ideas that they have or wish to express and cannot do so in any other art course. It is open-ended in concept, and therefore, requires motivation, responsibility and discipline. All projects must be worked on in class and can either be long or short term, 2- or 3-dimensional. Students will be expected to create a cohesive body of work with thought and concentration and will be required to periodically write about their work. A minimum of 4 grades/projects is required for each nine week grading period.								

<b>Course #: 029999</b>		<b>ART6</b>		<b>Course Name:</b>	<b>Art VI/Mural Painting</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Art I required, Art II recommended								
<b>Special Information:</b>				Only students who have displayed adequate interest, technical skill, motivation and trustworthiness will be accepted into this course. <i>Students must have permission of instructor with scheduling request; \$30.00 Class Fee</i>								
<b>Description:</b>				Students will work together to design and create various murals on the school campus. This course will be student-led, in which students will be expected to generate ideas, research appropriate locations, and present their mural design for approval. Students may study mural painters and the history of mural painting, various painting techniques, and the cultural impact and importance of public art.								

<b>Course #: 290150</b>		<b>PHOTO1</b>		<b>Course Name:</b>	<b>Photography I</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>												
<b>Special Information:</b>				Students are encouraged to use their own digital camera; however, most assignments can also be completed with a camera phone. A limited number of school-owned cameras may be available. Completion of this course fulfills the Art credit required for graduation.								
<b>Description:</b>				Photography I introduce students to the core skills needed to create expressive and visually engaging images. Through hands-on activities, students will explore digital camera settings, composition techniques, and lighting. They will also learn essential editing tools in Adobe Photoshop to enhance their photos. This course is perfect for students who want to develop their creativity, build a visual portfolio, or simply learn to take better pictures in everyday life.								

<b>Course #: 290150</b>		<b>PHOTO2</b>		<b>Course Name:</b>	<b>Photography II</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Photography I								
<b>Special Information:</b>				Students are encouraged to supply their own digital camera. Camera phones can be used to complete most assignments. There may be a limited amount of school-owned digital cameras available.								
<b>Description:</b>				Photography II students will utilize and expand upon the basic skills learned in Photography I with an added emphasis on digital manipulation. Integrating images into the concept of Graphic Design will be explored. Students may learn to use Adobe Photoshop for image-editing and digital design.								

<b>Course #: 290150</b>		<b>PHOTO3, 4</b>		<b>Course Name:</b>	<b>Advanced Photography III, IV</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Photography I & II								
<b>Special Information:</b>				Independent Study; Limited Class Size; Students are encouraged to supply their own digital camera. Camera phones can be used to complete most assignments. There may be a limited amount of school-owned digital cameras available. WRITTEN PERMISSION OF INSTRUCTOR REQUIRED WITH SCHEDULING REQUEST.								
<b>Description:</b>				Advanced Photography courses expand on the techniques used in the previous classes. This class requires students use their classroom and personal time efficiently and show self-motivation, responsibility and discipline. Students will be expected to create a cohesive body of work throughout the semester and to maintain a portfolio showcasing their skills.								

<b>Course #: 020210</b>		<b>YRBK</b>		<b>Course Name:</b>	<b>Yearbook Production</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>												
<b>Special Information:</b>		Limited to 12 students, with preference given by grade level; Preference given to students who have successfully completed Computer I and II and/or Photography; Students must complete and turn in the Yearbook Acceptance Application and have three teacher recommendations for consideration to join staff; This course can be taken every year for credit.										
<b>Description:</b>		Students will be introduced to the sales and marketing, writing, layout, editing, and photographic techniques used in the making of a school yearbook, with production of the SHS Echoes as the culminating project each year. Students will work with Photoshop, Josten's web-based yearbook program, and digital photography. <b>Students will be expected to sell ads as a part of their course requirement. Ad sales are a portion of each quarter's grade.</b>										

# BUSINESS EDUCATION

<b>Course #: 030100</b>		<b>ACCT1</b>		<b>Course Name:</b>		<b>Accounting I</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>x</b>	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Satisfactory background in basic mathematics (addition, subtraction, multiplication, and division)									
<b>Special Information:</b>													
<b>Description:</b>				Accounting I is an introduction to fundamental corporate accounting concepts and principles. This fundamental accounting course introduces general accounting terminology, basic accounting concepts and principles, and the accounting cycle for a sole proprietorship and a corporation. Students may be exposed to both traditional and electronic accounting.									

<b>Course #: 030100</b>		<b>ACCT2</b>		<b>Course Name:</b>		<b>Accounting II</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>x</b>	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Satisfactory completion of Accounting I									
<b>Special Information:</b>													
<b>Description:</b>				Accounting II is a course that introduces the student to the fundamental managerial accounting principles. The student will learn the basics to internal accounting processes along with how to determine the cost of a product, study cost behavior and analysis, appropriate profit reporting, budgeting, performance evaluation, differential analysis and capital investment analysis.									

<b>Course #: 032300</b>		<b>GENBUS</b>		<b>Course Name:</b>		<b>General Business</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>x</b>	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				None									
<b>Special Information:</b>													
<b>Description:</b>				<p>This introductory course in basic business is designed to help young people understand the world of business and their part as consumers, producers, and citizens.</p> <p>Concepts covered includes:            Basic Economics, Entrepreneurship, Human Resources, Career Exploration, Money Management (Banking, Saving, Investing, Stock Market), Consumer Credit and Marketing.</p> <p>Several projects (including Shark Tank and projects involving career exploration, the stock market and marketing) are a part of this course.</p>									

<b>Course #: 031500</b>		<b>PFIN</b>		<b>Course Name:</b>	<b>Personal Finance (non-CCP)</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>	x				x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Satisfactory background in basic mathematics (addition, subtraction, multiplication, and division) and must be a junior or senior.								
<b>Special Information:</b>												
<b>Description:</b>				Personal Finance provides students with a basic understanding of personal money management problems, personal financial planning, consumer credit, personal insurance planning, investing securities analysis, investing strategies, etc.								

<b>Course #: 031500</b>		<b>PFINCCP</b>		<b>Course Name:</b>	<b>Personal Finance College Credit Plus through Rhodes State College</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>	x				x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Satisfactory background in basic mathematics (addition, subtraction, multiplication, and division) and must be a junior or senior.								
<b>Special Information:</b>				Students who successfully complete this course are given the opportunity to earn 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities.								
<b>Description:</b>				Personal Finance provides students with a basic understanding of personal money management problems, personal financial planning, consumer credit, personal insurance planning, investing securities analysis, investing strategies, etc.								

# COMPUTER TECHNOLOGY

<b>Course #:</b> 036000		<b>COMAP1CCP</b>		<b>Course Name:</b>	<b>Computer Applications in the Workplace College Credit Plus through Rhodes State College</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>												
<b>Special Information:</b>				Students who successfully complete this course are given the opportunity to earn 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities. Students will take this class one semester and, typically, take Web Design the opposite semester.								
<b>Description:</b>				This introductory computer course is designed to provide students a basic understanding of Microsoft Word, Excel, Access and PowerPoint using Office 2019. The students will have hands-on introduction to word processing, spreadsheet, presentation and database software using the Windows operating environment. Students will become proficient in the creation and formatting (includes visual elements) of reports, research papers, memos, tables, spreadsheets (including formulas), database (tables, queries, forms, and reports), and presentations.								

<b>Course #:</b> 290160		<b>WEBDESCP</b>		<b>Course Name:</b>	<b>Web Design College Credit Plus through Rhodes State College</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>												
<b>Special Information:</b>				Students who successfully complete this course are given the opportunity to earn 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities. Students will take this class one semester, and, typically, take Computer Applications in the Workplace the opposite semester.								
<b>Description:</b>				Students will be instructed in the principles of Web Design including HTML and CSS. Students will learn to code and to use web authoring software. Students also may be exposed to programming concepts in both server-side (PHP) and client-side (JavaScript) scripting languages.								

<b>Course #:</b> 031700		<b>COMPRO1 CCP</b>		<b>Course Name:</b>	<b>Computer Programming I (Intro to CS – Python) College Credit Plus through Rhodes State College</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>												
<b>Special Information:</b>				Students who successfully complete this course are given the opportunity to earn 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities.								
<b>Description:</b>				An introductory-level course for students new to programming and computer science. In this course, you will learn problem-solving strategies, software design, and the foundations of computer science in the Python programming language. Fundamental computer programming concepts such as variables, assignment statements, decision making, flow control (loops), string manipulation, getting user input and arrays may be covered.								

<b>Course #: 031700</b>		<b>COMPRO2 CCP</b>	<b>Course Name:</b>		<b>Computer Programming II (AP Computer Science - Java) College Credit Plus through Rhodes State College</b>								
<b>C R E D I T</b>	<b>1</b>		<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x				<b>Elective:</b>	x	<b>Semester:</b>				x	x	x
							<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		Successful completion of Computer Programming I.											
<b>Special Information:</b>		Students who successfully complete this course are given the opportunity to earn 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities.											
<b>Description:</b>		The course emphasizes both object-oriented and imperative problem solving and design in the Java programming language. Fundamental topics include problem solving, design strategies and methodologies, organization of data, approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. By the end of the course, students may be prepared to take the AP® Computer Science A exam.											

# ENGLISH

<b>Course #: 050160</b>		<b>ENG1</b>		<b>Course Name:</b>	<b>English I/Freshman English</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>			x			
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Freshmen must take either English I or Advanced English I; <b>\$26.00 Class Fee</b>										
<b>Description:</b>		This course explores the fundamentals of the English language and explores the processes needed for effective communication and comprehension. Students will 1) develop listening, viewing and speaking skills; 2) expand their knowledge and use of grammatical skills; 3) use the writing process to produce a variety of narrative, descriptive, and expository writings; 4) use the research process to produce a research paper and a PowerPoint/Prezi presentation; 5) improve their functional reading skills; and 6) develop an expanding vocabulary.										

<b>Course #: 050160</b>		<b>AENG1</b>		<b>Course Name:</b>	<b>Advanced English I/Advanced Freshman English</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>			x			
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Freshmen must take either English I or Advanced English I; <b>\$26.00 Class Fee</b>										
<b>Description:</b>		This course provides the same goals and objectives as English I with a more advanced and in-depth study of the processes needed for effective communication and analysis of literature. Summer reading MAY be required for this class. Due to the added workload that this advanced class entails, students are encouraged to discuss the course requirements with the teacher or guidance counselor prior to registration. This course explores the fundamentals of the English language and explores the processes needed for effective communication and comprehension. Students will 1) develop listening, viewing and speaking skills; 2) expand their knowledge and use of grammatical skills; 3) use the writing process to produce a variety of narrative, descriptive, argumentative, and expository writings; 4) use the research process to produce a research paper and a PowerPoint/Prezi presentation; 5) improve their functional reading, critical thinking and analytical skills; and 6) develop an expanding vocabulary.										

<b>Course #: 050170</b>		<b>ENG2</b>		<b>Course Name:</b>	<b>English II/Sophomore English</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>			x			
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		English I or Advanced English I										
<b>Special Information:</b>		Sophomores must take <u>either</u> English II or Advanced English II; <b>\$26.00 Class Fee</b>										
<b>Description:</b>		This course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to produce informative/explanatory, argumentative, and research-based writings; 3) develop their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) practice and develop their communication and collaboration skills; and 5) continue to develop and refine their critical thinking and analytical skills.										

<b>Course #: 050170</b>		<b>AENG2</b>		<b>Course Name:</b>	<b>Advanced English II/Advanced Sophomore English</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>				x		
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				English I or Advanced English I								
<b>Special Information:</b>				Sophomores must take <u>either</u> English II or Advanced English II; <b>\$38.50 Class Fee</b>								
<b>Description:</b>				This course provides the same goals and objectives as English II/Sophomore English with a more advanced and in-depth study of the communication processes of reading, writing, speaking, and collaborating. Additional reading—perhaps including a Summer reading assignment—is required for this class as compared to ENG2/English II. Due to the added workload that this advanced class entails, students should discuss the course requirements with the teacher or guidance counselor prior to registration. This course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to produce informative/explanatory, argumentative, and research-based writings; 3) develop their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) practice and develop their communication and collaboration skills; and 5) continue to develop and refine their critical thinking and analytical skills.								

<b>Course #: 050180</b>		<b>ENG3</b>		<b>Course Name:</b>	<b>English III/Junior English</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>					x	
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				English I or Advanced English I, English II or Advanced English II								
<b>Special Information:</b>				Juniors must take <u>either</u> English III or Advanced English III; <b>\$22.00 Class Fee</b>								
<b>Description:</b>				This course provides further study of the processes of effective communication. Students will 1) make varied use of listening, viewing, and speaking skills; 2) use the writing process to produce a portfolio of narrative, descriptive, expository, and persuasive writings; 3) read and examine fiction and nonfiction selections of American Literature; 4) refine their functional reading, critical thinking and interpretive skills; and 5) refine their grammar skills as they apply to both their speaking experiences as well as their writing experiences. Students will also work to improve their graduation and college readiness skills through their use of language in presentations, editing organization and writing skills.								

<b>Course #: 050180</b>		<b>AENG3CCP</b>		<b>Course Name:</b>	<b>Advanced English III/Advanced Junior English College Credit Plus through Rhodes State College</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>					x	
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		English I or Advanced English I, English II or Advanced English II										
<b>Special Information:</b>		Juniors must take <u>either</u> English III or Advanced English III; <b>\$22.00 Class Fee;</b> Students who successfully complete this course are given the opportunity to earn 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities.										
<b>Description:</b>		This course provides further study of the processes of effective communication with a more advanced and in-depth study of literature, the writing process, listening/visual skills, and verbal communication. Due to the added work load that this advanced class entails, students are encouraged to discuss the course requirements with the teacher or guidance counselor prior to registration. Summer reading MAY be required for this course. This course provides further study of the processes of effective communication. Students will 1) make varied use of listening, viewing, and speaking skills; 2) use the writing process to produce a portfolio of narrative, descriptive, expository, and persuasive writings; 3) read and examine fiction and nonfiction selections of American Literature; 4) refine their functional reading critical thinking and interpretive skills; and 5) refine their grammar skills as they apply to both their speaking experiences as well as their writing experiences. Students will also work to improve their graduation and college readiness skills through their use of language in presentations, editing, organizational, rhetorical and writing skills. Students who qualify can register for ENG 110 College Writing, a College Credit Plus course offered here at Spencerville High School through Rhodes State College to earn both high school and college credit for this class.										

<b>Course #: 050190</b>		<b>ENG4</b>		<b>Course Name:</b>	<b>English IV/Senior English</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>						x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		English I, II, or III, or Advanced English I, II, or III										
<b>Special Information:</b>		Seniors must take English IV or Advanced English IV; <b>\$15.50 Class Fee</b>										
<b>Description:</b>		Students in this course will continue to explore, develop, and refine their knowledge, reasoning, and skills in using and applying the English language in formal written and spoken forms in order to be college and/or career ready upon graduation from high school. This college/career preparatory course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to continue to produce informative/explanatory, argumentative, and research-based writings; 3) refine their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) enhance their communication and collaboration skills; 5) continue to develop and refine their critical thinking and analytical skills; 6) continue to apply the use of Modern Language Association (MLA) formatting and style guidelines for formal writing assignments; 7) learn to apply the use of American Psychological Association (APA) formatting and style guidelines for formal writing assignments; and 8) enhance their research-based writing skills and public speaking skills through the completion of the career project (a multi-part career exploration project). Elements of the career project may include but are not limited to the following components: 1) suggested job shadowing and/or interviewing in their chosen career fields (in person or virtually) and writing about their experience; 2) researching career profile and occupation details using various sources, including but not limited to Xello, the U.S. Bureau of Labor Statistics Occupational Outlook Handbook, O*Net Online, and Career One Stop; 3) composing a formal research-based report about their chosen career exploration fields; and 4) preparing a formal career project presentation to share with their classmates and teacher regarding the aforementioned career project components.										

<b>Course #: 059930</b>		<b>AENG4CCP</b>		<b>Course Name:</b>	<b>Advanced English IV/Advanced Senior English College Credit Plus through Franklin University</b>								
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>	
	x			<b>Elective:</b>		<b>Semester:</b>							x
						<b>Nine Weeks:</b>							
<b>Prerequisite[s]:</b>				English I, II, or III, or Advanced English I, II, or III Prerequisite for CCP ENG 232 Introduction to Literature = ENG 110 or 120 College Writing									
<b>Special Information:</b>				Seniors must take English IV or Advanced English IV; <b>\$24.00 Class Fee;</b> Students who successfully complete this course are given the opportunity to earn 4 college credit hours through Franklin University. The hours appear on a college transcript and can be transferred to other colleges/universities.									
<b>Description:</b>				<p>This class is recommended for college-bound seniors already proficient in reading for comprehension and composition of various forms of writing. Advanced Senior English is designed to be the equivalent of a college-level English course. Students who qualify can register for ENG 232 Introduction to Literature, a College Credit Plus course offered here at Spencerville High School through Franklin University to earn both high school and college credit for this class. Additional reading—perhaps including a Summer reading assignment—is required for this class as compared to ENG4/English IV. Due to the added workload that this advanced class entails, students should discuss the course requirements with the teacher or guidance counselor prior to registration. Students in this course analyze work from major literary genres; become familiar with the standard approaches specific to the field of literary criticism; and consider the importance of literature in contemporary society. The goal of the literary portion of the course is for students to engage with literary text on an emotional level while moving towards a more objective consideration of literature by introducing the fundamentals of close reading and literary analysis with the following course outcomes: discuss the importance of literature in society; differentiate literary genres and the forms within them; discuss the influence of historical and social context on literary output; use literary terms accurately; practice close reading and analysis to recognize textual moves (i.e., authorial choices and strategies); recognize how values, conflicts, and other issues that have been and are part of the human condition have been dealt with by literature over time; write effective critical analysis of literature; and use electronic tools to assist with the writing and revising process. Students in this course will also continue to explore, develop, and refine their knowledge, reasoning, and skills in using and applying the English language in formal written and spoken forms in order to be college and/or career ready upon graduation from high school. This college/career preparatory course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to continue to produce informative/explanatory, argumentative, and research-based writings; 3) refine their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) enhance their communication and collaboration skills; 5) continue to develop and refine their critical thinking and analytical skills; 6) continue to apply the use of Modern Language Association (MLA) formatting and style guidelines for formal writing assignments; 7) learn to apply the use of American Psychological Association (APA) formatting and style guidelines for formal writing assignments; and 8) enhance their research-based writing skills and public speaking skills through the completion of the career project (a multi-part career exploration project). Elements of the career project may include but are not limited to the following components: 1) suggested job shadowing and/or interviewing in their chosen career fields (in person or virtually) and writing about their experience; 2) researching career profile and occupation details using various sources, including but not limited to Xello, the U.S. Bureau of Labor Statistics Occupational Outlook Handbook, O*Net Online, and Career One Stop; 3) composing a formal research-based report about their chosen career exploration fields; and 4) preparing a formal career project presentation to share with their classmates and teacher regarding the aforementioned career project components.</p>									

<b>Course #: 050500</b>		<b>SPEECHCCP</b>		<b>Course Name:</b>	<b>Speech College Credit Plus through Rhodes State College or Franklin University</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				English I/Advanced English I, English II/Advanced English II, and ENG110/ENG120 (equivalent to CCP Junior English – can be currently enrolled as a junior) to earn CCP hours.								
<b>Special Information:</b>				Students who successfully complete this course and meet prerequisite requirements are given the opportunity to earn CCP hours (3 if through Rhodes State College or 4 if through Franklin University, depending on the instructor). The hours appear on a college transcript and can be transferred to other colleges/universities. Also, students can only earn CCP for Speech if they have the pre-requisite of ENG110 (through Rhodes) or ENG120 (through Franklin). Students in grades 9 and 10 may take this course only with instructor approval due to the rigors of this class being college level; however, may not be earning CCP credit.								
<b>Description:</b>				This course investigates, develops, and refines both verbal and nonverbal communication skills necessary for one-to-one and group discussion and public speaking. Students will do the following: 1) identify, apply, and refine proper one-to-one, group, and public speaking and communication skills; 2) become comfortable with conversing in one-to-one and group situations; 3) practice using nonverbal communication to enhance verbal communication skills; and 4) research, develop, and deliver a variety of organized speeches.								

<b>Course #: 059999</b>		<b>SHAKES</b>		<b>Course Name:</b>	<b>Shakespeare Appreciation</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x				x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				English I/Advanced English I and English II/Advanced English II								
<b>Special Information:</b>				There will be a <b>Class Fee</b> ; cost is unknown at this time.								
<b>Description:</b>				<p>This course is designed to be fun and educational. The class will consist of directed discussions rather than lectures. It will also include the students' presentation of speeches and scenes from the plays. Among the topics we will discuss are Shakespeare's biography, the England of Shakespeare's time, the rise of the English theater, the staging of Shakespeare's plays, Shakespeare's legacy on stage and in film, and some basic training in performing Shakespeare's plays. We will start out with a look at Shakespeare's sonnets and then read three or four plays together, including but not limited to the following: <i>A Midsummer Night's Dream</i>, <i>Hamlet</i>, and <i>Othello</i>.</p> <p>While we will read, discuss and analyze the sonnets and plays of Shakespeare in a traditional manner, this class will also include some elements of performance. While it is great to understand and analyze Shakespeare's characters and language, your understanding of his plays can be deepened by being on your feet, reading lines aloud, and acting out key scenes. Consequently, while students should expect significant reading and writing assignments, much of the work this semester will be done in class. Through read-outs, recitations, small group assignments and full-length performances, we will have lots of fun bringing the works of Shakespeare to life. Furthermore, I will encourage you to take risks and to move out of your comfort zone in this course. Therefore, it is imperative that this environment feels supportive and encouraging - especially for those of us who are shy and might have some stage fright. Consequently, building a strong, fun, and creative classroom community is essential to achieving this.</p> <p><b>Essential Questions:</b> The following are some of the core questions we will be asking of the plays throughout the course.</p> <ul style="list-style-type: none"> <li>• How are Shakespeare's plays distinctive from other plays you have read?</li> <li>• What type of plays did Shakespeare write, and how are they similar/different from each other?</li> <li>• How do Shakespeare's plays capture the defining spirit, ideas, and beliefs of his era/time?</li> <li>• To what extent do Shakespeare's plays have relevance to us today?</li> <li>• To what extent do the works of Shakespeare have a depth, sophistication, originality, and relevance that elevate his works above his peers?</li> </ul>								

# FAMILY CONSUMER SCIENCES

<b>Course #:</b> 230001		<b>FCS1</b>		<b>Course Name:</b>		<b>Family Consumer Science I</b>								
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>	
	x			<b>Elective:</b>		x	<b>Semester:</b>				x	x	x	x
							<b>Nine Weeks:</b>							
<b>Prerequisite[s]:</b>				None										
<b>Special Information:</b>				This class is NOT a science class. This course will include food preparation labs. Students will be required to purchase material for a sewing project. Class limited to 16 students; <b>\$25.00 Class Fee</b>										
<b>Description:</b>				This is a practical course to put your life in focus and learn to use your resources to meet your goals at school, home and in the workplace. Gain knowledge and practical skills in several areas of interest including communication, foods, clothing construction, financial management, child development and interior design.										

<b>Course #:</b> 230140		<b>NUT1</b>		<b>Course Name:</b>		<b>Nutrition &amp; Wellness I</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>			<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>		x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				None									
<b>Special Information:</b>				Class limited to 16 students. When scheduling, preference will be given to upperclassmen; <b>\$25.00 Class Fee</b>									
<b>Description:</b>				If you are looking for a practical course that focuses on your concerns related to food selection and preparation, then this is the course for you. Topics include selecting foods; equipment operation; obtaining, serving and storing foods; and promoting wellness and good health. Food prep units include: Yeast breads, advanced eggs cookery, dairy foods, preservation, breakfast foods, candy, meal planning, and microwave cooking.									

<b>Course #:</b> 230140		<b>NUT2</b>		<b>Course Name:</b>		<b>Nutrition &amp; Wellness II</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>			<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>		x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Nutrition & Wellness I									
<b>Special Information:</b>				Class limited to 16 students. When scheduling, preference will be given to upperclassmen; <b>\$30.00 Class Fee</b>									
<b>Description:</b>				Students will explore "My Plate" guidelines and make plans for healthier eating habits. This will be a practical course to learn basics of cooking. Food units of soups, casseroles, appetizers, garnishes, vegetables, foreign foods, meat selection, pastry/pies, salads, advanced meal planning, and cake decorating will be covered.									

<b>Course #: 230200</b>		<b>CHILD1</b>		<b>Course Name:</b>	<b>Child Development I</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			None									
<b>Special Information:</b>			Recommended for students planning a career related to children, child development, teaching, nursing, etc. Also recommended for those students who plan to have a family of their own; <b>\$5.00 Class Fee</b>									
<b>Description:</b>			Do you like children, plan to work in a career associated with children or see yourself becoming a parent sometime in the future? Explore development of children from conception through one year. Special interest areas will be teen parenting, family structures and birth defects.									

<b>Course #: 230200</b>		<b>CHILD2</b>		<b>Course Name:</b>	<b>Child Development II</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			Child Development I									
<b>Special Information:</b>			<b>\$5.00 Class Fee</b>									
<b>Description:</b>			This is a continuation from Child Development I and will explore areas of child development for children two through twelve years of age. Plan and implement activities for children 4 - 6. Learn about special challenges for children including abuse, disabilities and family stresses.									

# HEALTH

<b>Course #: 260101</b>		<b>HEALTH</b>		<b>Course Name:</b>	<b>Health</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>		<b>Semester:</b>	x			x		
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>			None									
<b>Special Information:</b>			Required for graduation Can be taken by juniors due to scheduling conflicts Not offered at Apollo Career Center									
<b>Description:</b>			The Health course assists the student in gaining an intelligent understanding of the human body and mind in order to maintain good health and at the same time couples the student's knowledge with a desire to achieve the highest degree of health. The topics covered in this course are basic body functions, communicable diseases, human anatomy and reproduction, drugs, alcohol, tobacco, vaping, first aid, CPR, and AED Certification, personal grooming, mental health and chronic diseases.									

# MATH

## "Rules" and Recommendations:

1. Everyone must take math during every year of high school.
2. If Algebra I has been taken at the 8<sup>th</sup> grade level, a student will have completed 5, or possibly 6, math classes during high school.
3. Most colleges recommend that students take math each year of high school as a math placement test is given by most colleges. Students who have not taken math during the senior year, oftentimes do not do as well on that test and may have to take remedial math at college. Remedial courses do not count toward a degree, must be passed before taking the "real" math courses, cost a lot of money, and are sometimes offered only in the summer.
4. For a student planning a career in the medical or engineering fields, math is highly recommended at each grade level throughout high school.
5. All incoming freshman will take either Pre-Algebra, Algebra I or Geometry. This change allows for each student to meet the math objective of the Ohio Core initiative - all students will successfully complete math course work at the Algebra II level as a minimum.
6. There are several course sequences which could be followed, including but not limited to the following:

8	Algebra I	Algebra I	Algebra I			
9	Geometry	Geometry	Algebra I	Algebra I	Algebra I	Pre-Algebra
10	Algebra II	Algebra II	Geometry	Geometry	Geometry	Algebra I
11	PreCalculus or Advanced Math	PreCalculus	Algebra II	Algebra II	Algebra II	Geometry
12	Calculus or Advanced Math	Senior Math	PreCalculus or Advanced Math	PreCalculus or Advanced Math	Senior Math	Integrated Math III or Algebra II

7. Senior Math and Advanced Mathematics can only be taken with teacher and/or principal approval.
8. Your current math teacher is your best source of information about which course you should take.

Course #: 110301		ALG1		Course Name:	Algebra I							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:			x	x		
						Nine Weeks:						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Freshmen are required to take Pre-Algebra, Algebra I or Geometry										
<b>Description:</b>		Algebra I will cover solving linear and quadratic equations, the study of systems of equations, graphing linear equations using slope, and operations involving polynomials. This course lays the foundation for higher mathematics.										

<b>Course #: 110190</b>		<b>PREALG</b>		<b>Course Name:</b>	<b>Pre-Algebra</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>			x			
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			None									
<b>Special Information:</b>			Freshmen are required to take Pre-Algebra, Algebra I or Geometry									
<b>Description:</b>			This course is for those students who experience difficulty in mathematics and would benefit from a foundations course before entering Algebra I. Applications of algebraic concepts and problem-solving skills will be reviewed.									

<b>Course #: 111200</b>		<b>GEOM</b>		<b>Course Name:</b>	<b>Geometry</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>			x	x		
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			Successful completion of Algebra I or permission of teacher									
<b>Special Information:</b>			Freshmen are required to take Pre-Algebra, Algebra I or Geometry									
<b>Description:</b>			Geometry teaches geometric concepts in two and three dimensions. The student will learn the relationships of lines, planes, and space with the definitions, postulates, and theorems related to these concepts. Logic and reasoning will be introduced through formal proof.									

<b>Course #: 110302</b>		<b>ALG2</b>		<b>Course Name:</b>	<b>Algebra II</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>				x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			Algebra I, Geometry, or permission of teacher									
<b>Special Information:</b>												
<b>Description:</b>			Algebra II offers students an introduction to advanced mathematics and is recommended for students planning on attending college. The first semester is spent on an in-depth review of algebraic concepts. Topics covered in the second semester include quadratic equations, working with linear systems, complex numbers, and relationships between equations and graphs. Logarithms and trigonometry are introduced.									

<b>Course #: 110030</b>		<b>MATH3</b>		<b>Course Name:</b>	<b>Integrated Math III</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			Successful completion of Pre-Algebra, Algebra I and Integrated Math II or permission of teacher									
<b>Special Information:</b>												
<b>Description:</b>			Integrated Math III is intended to provide a thorough review of Algebra and Geometry. An introduction to additional concepts such as quadratic equations, working with linear systems, complex numbers, and relationships between equations and graphs will be provided.									

<b>Course #: 110600</b>		<b>PRECAL</b>		<b>Course Name:</b>	<b>Pre-Calculus</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				A grade of C or higher in Algebra II and Geometry								
<b>Special Information:</b>												
<b>Description:</b>				Students taking Pre-Calculus will concentrate on 1) a review of Algebra; 2) Trigonometry with emphasis on the unit circle and circular functions; 3) the study of complex numbers, variation, sequences, and some statistics; 4) Pre-Calculus, with emphasis on functions study; and 5) a review of high school math.								

<b>Course #: 119930</b>		<b>CALCCP</b>		<b>Course Name:</b>	<b>Calculus I – College Credit Plus through Rhodes State College (MTH 1711)</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>						x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Completion of MTH 1370 and MTH 1430 (with a grade of "C" or better), or a minimum ACT math score of 27, or a minimum AccuPlacer score of 296.								
<b>Special Information:</b>				Students who successfully complete this course (MTH 1711) are given the opportunity to earn 5 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities.								
<b>Description:</b>				Covers limits including the definition and L'Hospital's Rule; continuity; derivatives including the transcendental functions; applications of derivative including related rate, curve sketching, and optimization problems; introduction to integration; Fundamental Theorem of Calculus; and applications to area and volume.								

<b>Course #: 110302</b>		<b>COLALGCCP</b>		<b>Course Name:</b>	<b>Advanced Mathematics (College Algebra) – College Credit Plus through Rhodes State College (MTH 1370)</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>	x				x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				Successful completion of Algebra II and a minimum ACT math score of 22, or a minimum AccuPlacer score of 263.								
<b>Special Information:</b>				Students who successfully complete this course (MTH 1370) are given the opportunity to earn 4 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities. Students who take this course will be scheduled to take Trigonometry (MTH 1430) second semester.								
<b>Description:</b>				Covers equations and inequalities, complex numbers, graphs and equations of lines, functions including quadratic functions and composite functions, inverse functions, polynomial and rational functions, the Fundamental Theorem of Algebra, exponential and logarithmic functions, systems of equations and inequalities, conic sections, and sequences and series.								

<b>Course #: 111600</b>		<b>TRIGCCP</b>		<b>Course Name:</b>	<b>Advanced Mathematics (Trigonometry) – College Credit Plus through Rhodes State College (MTH 1430)</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>	x				x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				A grade of "C" or higher in College Algebra (MTH 1370).								
<b>Special Information:</b>				Students who successfully complete this course (MTH 1430) are given the opportunity to earn 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities. Students who take this course will be required to take and pass with a "C" or higher College Algebra (MTH 1430) first semester.								
<b>Description:</b>				Concentrates on the development and use of trigonometric functions with additional study of vectors. The course will cover trigonometric functions, solving right and oblique triangles, graphs of trigonometric functions, identities, trigonometric equations, inverse trigonometric functions, complex numbers, polar coordinates and graphs, and vectors.								

<b>Course #: 110040</b>		<b>SRMATH</b>		<b>Course Name:</b>	<b>Senior Math</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>						x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>				3 previous years of math including Algebra II or Integrated Math III								
<b>Special Information:</b>												
<b>Description:</b>				This course is for the senior student who has successfully completed 3 years of high school mathematics. It is intended to be an alternative for the senior student who would normally not take a math course his/her senior year. The course will reinforce and expand topics covered in Algebra I and II in preparation for a post-secondary education. Topics covered will include a review of intermediate Algebra including solving linear and quadratic equations and solving systems of equation by a variety of methods. Other topics covered will include exponential, logarithmic, and trigonometric function and the graphs of these functions, and an introduction to matrices. A review of the basic principles of geometry and probability will be incorporated as time allows. Admission to this class will be limited to seniors only and will require teacher and/or principal approval.								

# MUSIC

<b>Course #: 120500</b>		<b>SYMBAND CONBAND</b>		<b>Course Name:</b>	<b>Instrumental Music/Band</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>				None								
<b>Special Information:</b>				Students will audition for chair placement in the spring of the previous school year. This will determine their seating as well as their placement in Concert or Symphonic Band.								
<b>Description:</b>				<p>The band is organized as a marching band during the summer and fall. The marching band performs shows at football games, fairs, and festivals, in addition to participating in parades and community events. During the winter and spring, the band is divided into two ensembles: Concert Band and Symphonic Band. These groups perform original and contemporary wind ensemble literature at several concerts throughout the school year.</p> <p>Additional groups that are formed within the band include:</p> <p>*Jazz Band: Rehearses and performs music of a jazz and rock style. Membership is by selection in the fall of the year. Students enrolled in the Jazz Class are strongly encouraged to participate in the Jazz Band.</p> <p>*Pep Band: Provides musical entertainment and spirit during home varsity basketball games.</p> <p>*Ensembles: These are trios, quartets, etc., that are formed during the concert season. Most small ensembles participate in the District Solo &amp; Ensemble Contest.</p> <p>Students attending Apollo Career Center may participate in the band program. Students enrolled in this class, with the exception of those participating in varsity football, are expected to participate in both the Marching and the Concert/Symphonic Bands. Grades will be based on performance, attendance, participation, as well as written work beginning with Band Camp in July.</p>								

<b>Course #: 129999</b>		<b>JAZZ</b>		<b>Course Name:</b>	<b>Intro to Jazz</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>												
<b>Special Information:</b>				Instrumental ability recommended, but not required (Brass, Woodwind, Percussion, Piano, Guitar, Bass Guitar)								
<b>Description:</b>				This class will focus on all aspects of Jazz music. Students will comprehensively study Jazz history as well as Jazz theory. Students will be expected to perform jazz music either vocally or instrumentally, and may be invited to perform in the Spencerville Jazz Band. Comprehensive projects, reports, and class participation will comprise the class work.								

<b>Course #: 120400</b>		<b>CHOIR</b>		<b>Course Name:</b>	<b>Concert Choir</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		The primary objective is to provide an opportunity for singing/performing and developing proper vocal and choral techniques. The repertoire will include various genres of music (i.e. classical, madrigals, gospel, show tunes and popular). Activities and performances will vary but may include any of the following: school concerts, community and county events, district and state contests. Written homework will be assigned periodically. Additional groups that are formed from the concert choir include: Women's Choir, Men's Choir, Varsity Singers (an auditioned ensemble that meets weekly outside of regular school hours), Contest Ensembles – OMEA, Contest Soloists – OMEA, District 3 OMEA Honors Choir Members – by audition, OMEA State Honors Choir Members – by audition, All Ohio State Fair Choir – by audition.										

<b>Course #: 120300</b>		<b>THEORY</b>		<b>Course Name:</b>	<b>Music Theory</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		Current enrollment in Instrumental Music or Concert Choir or previous instruction on piano or guitar.										
<b>Special Information:</b>												
<b>Description:</b>		<p>Goals and Objectives:</p> <p>This course will cover five areas of musicianship:</p> <ol style="list-style-type: none"> <li>1. Fundamentals: Notes and note values; key signatures; scales -- major, minor, and modes; intervals; triads and chords; composing melodies; four-part harmonizations</li> <li>2. Music History: A basic understanding of styles throughout history will be stressed and listening to music of all periods will be a key factor.</li> <li>3. Aural Skills: Uniting ears with eyes. Students will understand pitch relationships and be able to identify specific notes from a given pitch.</li> <li>4. Singing: Students will be able to reproduce correct pitches from written music.</li> </ol> <p>Grading system: Grades will be based on a combination of the following areas--tests and quizzes, daily assignments and preparation, and class discussion.</p>										

# PHYSICAL EDUCATION

<b>Course #: 080300</b>		<b>PE</b>		<b>Course Name:</b>	<b>Physical Education</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	x	<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
			x	<b>Elective:</b>		<b>Semester:</b>	x		x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Co-educational; Required for graduation; Not offered at Apollo Career Center										
<b>Description:</b>		Course objectives: to stress team activities through participation; to improve coordination, muscular strength, and knowledge of various activities and attitudes. Students will participate in movement activities, recreational games, physical fitness activities, team sports, and life time sports.										

<b>Course #: 080999</b>		<b>ALTPE</b>		<b>Course Name:</b>	<b>Alternative Physical Education</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
			x	<b>Elective:</b>		<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		This PE credit will NOT count toward your GPA. This is a pass/fail grade. You may choose to take Physical Education course work as an elective credit even if you have completed Alternative PE. If you take PE as an elective, it will count toward your GPA.										
<b>Description:</b>		A student who successfully completes a sport/marching band season, from beginning to end, can earn 1/4 of physical education credit. Only one 1/4 credit will be issued during any given season. Whether or not to issue credit for participation will be determined by the principal and coach. As of the 2021-22 school year, students who are a member of our Varsity Singers program, and participated for the entire school year, can earn ¼ of physical education credit, as well.										

<b>Course #: 080900</b>		<b>WEIGHT</b>		<b>Course Name:</b>	<b>Educational Weight Lifting</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
			x	<b>Elective:</b>	x	<b>Semester:</b>			x	x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Co-educational; Not offered at Apollo Career Center										
<b>Description:</b>		Educational weight lifting is a high intensity course designed to meet the needs of highly motivated students. Students lift weights four days per week with other related activities once a week. Students should expect to work hard and will monitor increases in muscular strength, muscular endurance, flexibility, and cardiovascular health. Successful completion of this course will aid the student in meeting his/her PE credit required for graduation.										

# SCIENCE

## "Rules" and Recommendations:

1. Everyone has to take Biology and Physical Science.
2. Everyone has to take 3 sciences which include at least one life/biological science and one physical science. The third science can be from either category.

Life/Biological Sciences	Physical Sciences
Biology	Physical Science
Environmental Science	Chemistry
Anatomy/Physiology	Physics
Agricultural Education	Forensic Science

3. Students wishing to use Agricultural Education course work for science credit will need to reference the Career and Technical section of this guide and confer with the guidance counselor to assure you are earning the appropriate science credits.

4. Most colleges recommend that students take 4 years of science in high school.
5. If you are planning a career in the medical field, Biology, Anatomy/Physiology, and Chemistry are highly recommended.
6. If you are planning a career in one of the engineering fields, Chemistry and Physics are highly recommended.
7. Some of the sciences have prerequisites:

Biology must be taken and successfully completed before taking Anatomy/Physiology.

Algebra II must be taken and successfully completed before taking Physics.

Algebra I and Physical Science must be taken and successfully completed before taking Chemistry.

Course #: 139997		ANAT		Course Name:	Anatomy and Physiology							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
						Nine Weeks:						
<b>Prerequisite[s]:</b>		Biology										
<b>Special Information:</b>		Fulfills the life/biological science graduation requirement; <b>\$23.00 Class Fee</b>										
<b>Description:</b>		The class is concerned with the form and functions of our bodies. Anatomy is the study of the structure and interrelationships of the parts of the body by comparison with the dissection of the fetal pig. Physiology is the study of the functions of the body. This course is meant to give the student a basic understanding of the interaction and interdependence of structure and function in humans.										

<b>Course #: 132230</b>		<b>BIO</b>		<b>Course Name:</b>		<b>Biology</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	X	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>			x			
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			None									
<b>Special Information:</b>			Fulfills the life/biological science graduation requirement; Required for all freshman students; <b>\$15.00 Class Fee</b>									
<b>Description:</b>			This Biology course is important in helping the students experience and understand their natural world by <b>investigating the composition, diversity, complexity, and interconnectedness of life on earth</b> . The students will examine the fundamental concepts of heredity and evolution by providing a framework through inquire-based instruction to explore the living world, the physical environment and the interactions within and between them.									

<b>Course #: 130301</b>		<b>CHEM</b>		<b>Course Name:</b>		<b>Chemistry</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			A grade of C or higher in Algebra I and in Physical Science									
<b>Special Information:</b>			Fulfills the physical science graduation requirement; <b>\$10.00 Class Fee</b>									
<b>Description:</b>			Chemistry is the study of matter and its properties. The course introduces the student to the basic principles of chemistry, such as, the law of conservation of matter and energy, atomic structure, chemical identification of matter, and the effects of different types of matter on us and our environment. Objectives: To develop the process skills of science: measuring, observing, running chemical tests to identify substances, designing chemical experiments and using math as a tool in science.									

<b>Course #: 132350</b>		<b>ENVSCI</b>		<b>Course Name:</b>		<b>Environmental Science -- Offered in 2026-2027 will be on rotation with Forensic Science</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>				x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>			Biology									
<b>Special Information:</b>			Fulfills the life/biological science graduation requirement; <b>\$20.00 Class Fee</b>									
<b>Description:</b>			Environmental Science involves recognizing and interpreting how systems in the natural world are interconnected. In Environmental Science students will be investigating the ecological successions of energy flow and evaluating how human interaction influences these situations. Students will be modeling real world situations and identifying possible consequences of particular events and how this affects the environment. Students will need to support their opinions with real world data and determine the best situation to protect the environment with changing developments in human populations. Students will be interpreting evidence and understanding how to report environmental hazards and conditions.									

<b>Course #139998:</b>		<b>FORSCI</b>		<b>Course Name:</b>	<b>Forensic Science – Not offered in 2026-2027 will be on rotation with Environmental Science</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	X	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	X			<b>Elective:</b>	x	<b>Semester:</b>					x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>				Biology, Physical Science								
<b>Special Information:</b>				Fulfills the physical science graduation requirement; <b>\$15.00 Class Fee</b>								
<b>Description:</b>				This forensic science course introduces students to the fascinating world of forensic science, bridging the gap between scientific methodology and criminal investigation. Students will explore how scientific principles and cutting-edge technologies are used to solve crimes, analyze evidence, and support legal proceedings. It includes, but is not limited to, crime scene investigation, forensic laboratory techniques, scientific analytical methods, and ethical and legal considerations. This course provides students with a comprehensive introduction to forensic science, preparing them for potential careers in criminal justice, law enforcement, laboratory sciences, and legal professions.								

<b>Course #: 132220</b>		<b>SCI1</b>		<b>Course Name:</b>	<b>Physical Science</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	X	<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		<b>Semester:</b>				x		
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>				None								
<b>Special Information:</b>				Fulfills the physical science graduation requirement. Required for all sophomore students; <b>\$10.00 Class Fee</b>								
<b>Description:</b>				Physical Science introduces students to key concepts and theories that provide a foundation for further study in Chemistry and Physics.								

<b>Course #: 130302</b>		<b>PHYSIC</b>		<b>Course Name:</b>	<b>Physics</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>				A grade of C or higher in Algebra II and chemistry is required or teacher permission.								
<b>Special Information:</b>				Fulfills the physical science graduation requirement; <b>\$10.00 Class Fee</b>								
<b>Description:</b>				Physics is the study of the relationship between matter and energy in our physical world. The course involves considerable lab work. The lab work will involve the use of the latest computer-based lab system technology that will allow the collection and recording of lab data by computer. The students will design and conduct some labs on their own with a minimal amount of help.								

# SOCIAL STUDIES

Course #: 150300		AMGOV		Course Name:	American Government							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:					x	x
							Nine Weeks:					
Prerequisite[s]:		None										
Special Information:		Juniors must take American Government or American Government CCP; <b>\$15.00 Class Fee</b>										
Description:		This course will develop a more in-depth knowledge of federal government. Upon completion of this course, the student should be able to: 1) understand our governmental structure; 2) examine the legislative, executive and judicial branches; 3) acquire a working knowledge of the various units of local, state and national governments; 4) understand the constitution; 5) examine how economics affects our lives, our institutions, and our society; and 6) be exposed to the basic laws and principles of economics.										

Course #: 150300		AMGOVCCP		Course Name:	American Government College Credit Plus through University of Findlay							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:					x	x
							Nine Weeks:					
Prerequisite[s]:		Students must meet University of Findlay requirements										
Special Information:		Juniors must take American Government or American Government CCP; <b>\$15.00 Class Fee (there may be University of Findlay fees that are not included in the class fee)</b> ; Students who successfully complete this course are given the opportunity to earn 3 college credit hours through the University of Findlay. The hours appear on a college transcript and can be transferred to other colleges/universities.										
Description:		This is a College Credit Plus class through the University of Findlay. Upon successful completion, students will earn both high school and college credit. This course meets the Government requirement for high school graduation. This course will develop a more in-depth knowledge of the federal government. Students will perform college level work in order to understand the structure of our government on the federal, state, and local levels. The students will develop a better understanding of what it means to be a citizen and their rights and responsibilities as a citizen.										

Course #: 150810		AMHIS		Course Name:	American History (1877 - Present Day)							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:				x		
							Nine Weeks:					
Prerequisite[s]:		None										
Special Information:		Required for all sophomores; <b>\$15.00 Class Fee</b>										
Description:		This course is an analysis of events affecting the United States and its development from the Industrial Age through its emergence as a world power into contemporary times, examining the myriad challenges faced by the U.S. during this era.										

<b>Course #:</b> 150810		<b>AMHISCCP</b>		<b>Course Name:</b>	<b>American History CCP (1877 - Present Day) College Credit Plus through University of Findlay</b>							
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>	x	<b>Full Year:</b>	x	<b>G R A D E</b>	09	10	11	12
	x			<b>Elective:</b>		<b>Semester:</b>				x		
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>		Required for all sophomores; Students who successfully complete this course are given the opportunity to earn 3 college credit hours through the University of Findlay. The hours appear on a college transcript and can be transferred to other colleges/universities; <b>\$15.00 Class Fee.</b>										
<b>Description:</b>		This is a College Credit Plus course through the University of Findlay. Upon successful completion, students will earn both high school and college credit. This course is an analysis of events affecting the United States and its development from the Industrial Age through its emergence as a world power into contemporary times, examining the myriad challenges faced by the U.S. during this era.										

<b>Course #:</b>		<b>HST1333</b>		<b>Course Name:</b>	<b>World Civilization I</b>							
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	09	10	11	12
	x			<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		Provides a survey of world history from its earliest origins in the Near East through 1500. Includes Western and non-Western political, religious, economic, intellectual, and cultural evolution of world history.										

<b>Course #:</b>		<b>HST1333CCP</b>		<b>Course Name:</b>	<b>World Civilization I CCP College Credit Plus through Rhodes State College</b>							
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	09	10	11	12
	x			<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		Provides a survey of world history from its earliest origins in the Near East through 1500. Includes Western and non-Western political, religious, economic, intellectual, and cultural evolution of world history.										

<b>Course #:</b>		<b>HST1334</b>		<b>Course Name:</b>	<b>World Civilization II</b>							
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	09	10	11	12
	x			<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		Provides a survey of world history from its earliest origins in the Near East through 1500. Includes Western and non-Western political, religious, economic, intellectual, and cultural evolution of world history.										

<b>Course #:</b>		<b>HST1334CCP</b>		<b>Course Name:</b>		<b>World Civilization II CCP</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	X			<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		Provides a survey of world history from its earliest origins in the Near East through 1500. Includes Western and non-Western political, religious, economic, intellectual, and cultural evolution of world history.										

<b>Course #: 159999</b>		<b>COLDWAR</b>		<b>Course Name:</b>		<b>Cold War</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		Recommended at least World History, prefer World History and American History										
<b>Special Information:</b>												
<b>Description:</b>		After World War II, the United States and the Union of Soviet Socialist Republics (U.S.S.R.) emerged as the two strongest powers in international affairs. Ideologically opposed, they challenged one another in a series of confrontations known as the Cold War. This class will explore these confrontations and the political and economic decisions that were made. Students will analyze the implications that all of these events have on our history and current situations.										

<b>Course #: 159999</b>		<b>CONSPIR</b>		<b>Course Name:</b>		<b>Conspiracy &amp; Investigative History</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		An introductory investigation into the questions that plague history from a journalistic approach. Who stole di Vinci's prophecy and why? Who really murdered JFK? Why was Hitler so intent on capturing the Roman "Spear of Destiny?" Where did all the Confederacy gold go? What is Area 51? This class will explore these possible topics, as well as others, like a journalist investigating the truth. Students will strengthen their research skills and abilities to use evidence to create persuasive arguments about history's biggest mysteries.										

<b>Course #: 159999</b>		<b>HOLO</b>		<b>Course Name:</b>		<b>Holocaust</b>						
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>					x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		World History and American History										
<b>Special Information:</b>												
<b>Description:</b>		The course will use history, literature, and the arts to teach students the valuable lessons of the Holocaust. This class will allow students to explore a topic that they are interested in and then take that information and learn how it applies to the world around them. We hope that this class will help them to value the various arts that we will use in the class as well as to learn about the power of the human voice, no matter how small, in the most horrid of situations.										

<b>Course #: 159999</b>		<b>MYTH</b>		<b>Course Name:</b>		<b>Explore Mythology</b>						
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x		x	x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		This comparison study will look at different mythologies that have surfaced throughout history. Along with the Greeks and Romans, the class would look at Norse, Chinese, Celtic, Aztec, Egyptian, and other mythologies from civilizations around the world. Students will compare the different stories finding commonalities and differences. They will use their knowledge of history and geography to explain why the commonalities and differences might occur.										

<b>Course #: 159999</b>		<b>HOLLYWD</b>		<b>Course Name:</b>		<b>Hollywood v. History</b>						
<b>C R E D I T</b>	1	.5	.25	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>												
<b>Special Information:</b>												
<b>Description:</b>		This analytical class looks at Hollywood's portrayal of key historical events and investigates what is true and what has been given the "Hollywood" treatment. Students will watch clips and entire movies portraying different events both American and World History. They will then use their research skills to investigate the true story behind the movie. Students will present evidence to show which parts are true to history and which parts have been changed or falsified to make the movie more exciting or bring viewer sympathy.										

<b>Course #: 151121</b>		<b>PSYCH</b>		<b>Course Name:</b>		<b>Psychology</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x				x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		This course will analyze the field of psychology, the study of human behavior and mental processes. Students will explore various sub disciplines, including topics such as the brain and neuroscience, the process of decision-making, theories of personality and psychological disorders. The objective of this course is to help students take a systematic and scientific approach to gain a better understanding of the individual and how they function within society.										

<b>Course #: 151300</b>		<b>SOC</b>		<b>Course Name:</b>		<b>Sociology</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
		x		<b>Elective:</b>	x	<b>Semester:</b>	x				x	x
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		A study of the structure of societies and factors affecting and involving cultures of the world. Sociology emphasizes some of the problems that plague mankind in his role as a group member. Each student will be required to write a term paper concerning a social issue of our time. Objectives: 1) to gain an understanding of the problems humans face as group members 2) to gain an understanding and appreciation of cultural traits and patterns of other cultures										

<b>Course #: 150700</b>		<b>GEOG</b>		<b>Course Name:</b>		<b>World Geography</b>							
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>		<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>	
		x		<b>Elective:</b>	x	<b>Semester:</b>	x			x	x	x	x
						<b>Nine Weeks:</b>							
<b>Prerequisite[s]:</b>		None											
<b>Special Information:</b>													
<b>Description:</b>		A study of fundamental geographical concepts; the application of geographical concepts to daily life; the different regions of the world and the cultures found in those regions; and the significance of interdependence in world affairs.											

<b>Course #: 150890</b>		<b>WLDHIS</b>		<b>Course Name:</b>		<b>World History</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>	<b>x</b>	<b>Full Year:</b>	<b>x</b>	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	<b>x</b>			<b>Elective:</b>		<b>Semester:</b>			<b>x</b>			
						<b>Nine Weeks:</b>						
<b>Prerequisite[s]:</b>		None										
<b>Special Information:</b>												
<b>Description:</b>		World History is a survey of the history of civilization from the earliest times to the 20th century. Students will gain an understanding of the factors which contributed to the development and decline of civilizations; develop an appreciation for the contributions which these civilizations have made to mankind; and gain an understanding of the common factors shared by all civilizations along with the overriding themes of history.										

# SPANISH

<b>Course #:</b> 060265		<b>SPAN1</b>		<b>Course Name:</b>		<b>Spanish I</b>								
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>			<b>Full Year:</b>		x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		x	<b>Semester:</b>				x	x	x	x
							<b>Nine Weeks:</b>							
<b>Prerequisite[s]:</b>		None												
<b>Special Information:</b>		At least a C average in last English class recommended; Additional supplies will be needed for this class such a binder, dividers, a red pen and a notebook; <b>\$20.00 Class Fee</b>												
<b>Description:</b>		This course will teach the basics needed to speak, understand, read and write Spanish at the ACTFL Novice Low & Novice Mid proficiency Levels. We will follow the Ohio Foreign Language Association Model Curriculum. Upon completion of this course, students will be able to use the 5 modes of communication to discuss weather, time, school, family, clothing, food and friends.												

<b>Course #:</b> 060265		<b>SPAN2</b>		<b>Course Name:</b>		<b>Spanish II</b>								
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>			<b>Full Year:</b>		x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		x	<b>Semester:</b>				x	x	x	x
							<b>Nine Weeks:</b>							
<b>Prerequisite[s]:</b>		Spanish I												
<b>Special Information:</b>		At least a C in Spanish I recommended; Additional supplies will be needed for this class such as a binder, dividers, a red pen and a notebook; <b>\$10.00 Class Fee</b>												
<b>Description:</b>		This course will develop a more in-depth knowledge of Spanish. Students will complete learning targets in the ACTFL Novice Mid and Novice High Proficiency Levels. Upon completion of this course, students should be able to use the 5 modes of communication to create written materials, interpret authentic resources, understand native speakers, and respond to basic questions.												

<b>Course #:</b> 060265		<b>SPAN3</b>		<b>Course Name:</b>		<b>Spanish III</b>								
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>			<b>Full Year:</b>		x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>		x	<b>Semester:</b>				x	x	x	x
							<b>Nine Weeks:</b>							
<b>Prerequisite[s]:</b>		Spanish I and Spanish II												
<b>Special Information:</b>		At least a B in Spanish II is recommended; Additional supplies will be needed such as a binder, dividers, a red pen and a notebook; <b>\$10.00 Class Fee</b>												
<b>Description:</b>		This course will develop skills in understanding Spanish literature, culture, and the Spanish Language. Students will complete learning targets in the ACTFL Novice High and Intermediate Low Proficiency Levels. Upon completion of this course, students should be able to use the 5 modes of communication to create written materials, interpret authentic resources, understand native speakers, and provide extended responses to questions.												

<b>Course #: 060265</b>		<b>SPAN4</b>		<b>Course Name:</b>		<b>Spanish IV</b>						
<b>C R E D I T</b>	<b>1</b>	<b>.5</b>	<b>.25</b>	<b>Required:</b>		<b>Full Year:</b>	x	<b>G R A D E</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>
	x			<b>Elective:</b>	x	<b>Semester:</b>						x
							<b>Nine Weeks:</b>					
<b>Prerequisite[s]:</b>		Spanish I, II, III										
<b>Special Information:</b>		At least a B in Spanish III is recommended; Additional supplies will be needed such as a binder, dividers, a red pen and a notebook; <b>\$10.00 Class Fee</b>										
<b>Description:</b>		This course will develop skills in understanding Spanish literature, culture, and the Spanish Language. Students will complete learning targets in the ACTFL Intermediate Low and Intermediate Mid Proficiency Levels. Upon completion of this course, students should be able to use the 5 modes of communication to create written materials, interpret authentic resources, understand native speakers, and provide extended responses to questions.										

## 2026 – 2027 FEE INFORMATION

The Spencerville Board of Education makes every effort to hold down the cost of fees to parents.  
Some courses, however, are of the nature that fees need to be charged for either workbooks or lab costs.

<b><i>CAREER &amp; TECHNICAL</i></b>		<b><i>FAMILY CONSUMER &amp; SCIENCE</i></b>	
Career & Technical (all courses except for those listed below)	<b>\$20.00/ea</b>	Child Development I & II	<b>\$5.00/ea</b>
Business Management	<b>n/a</b>	Family Consumer Science	<b>\$25.00</b>
Work Placement	<b>n/a</b>	Nutrition & Wellness I	<b>\$25.00</b>
Technical Drawing	<b>\$10.00</b>	Nutrition & Wellness II	<b>\$30.00</b>
Shop and Mechanical Skills	<b>\$30.00</b>		
		<b><i>FOREIGN LANGUAGES</i></b>	
<b><i>ART</i></b>		Spanish I	<b>\$20.00</b>
Art (all courses)	<b>\$30.00</b>	Spanish II, III & IV	<b>\$10.00/ea</b>
<b><i>ENGLISH</i></b>		<b><i>SCIENCE</i></b>	
Advanced English I	<b>\$26.00</b>	Anatomy & Physiology	<b>\$23.00</b>
Advanced English II	<b>\$38.50</b>	Biology	<b>\$15.00</b>
Advanced English III CCP	<b>\$22.00</b>	Chemistry	<b>\$10.00</b>
Advanced English IV CCP	<b>\$24.00</b>	Environmental Science	<b>\$20.00</b>
English I	<b>\$26.00</b>	Forensic Science	<b>\$15.00</b>
English II	<b>\$26.00</b>	Physical Science	<b>\$10.00</b>
English III	<b>\$22.00</b>	Physics	<b>\$10.00</b>
English IV	<b>\$15.50</b>		
English III	<b>\$22.00</b>	<b><i>SOCIAL STUDIES</i></b>	
English IV	<b>\$14.00</b>	American Government & CCP	<b>\$15.00</b>
		American History & CCP	<b>\$15.00</b>
<b><i>REQUIRED GENERAL FEES</i></b>			
Copy Fee	<b>\$5.00</b>		